◈IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

IEEE Xplo
1 Million Doc
1 Million User

» Advanced Sea

Help   FAQ   Terms   IEEE Peer Review   **Quick Links** ▼

Try our New Full-text Search Prototype GO   Help

1) Enter a single keyword, phrase, or Boolean expression. Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)

2) Limit your search by using search operators and field codes, if desired.

Example: optical <and> (fiber <or> fibre) <in> ti

3) Limit the results by selecting Search Options.

4) Click Search. See Search Examples

```
(spacer or si3n4 or sic) and
(low-k or low-dielectric or
teos or cod or carbon or
fluorine)
```

Start Search   **Clear**

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

Search Options:
Select publication types:
☑ IEEE Journals
☑ IEE Journals
☑ IEEE Conference proceedings
☑ IEE Conference proceedings
☑ IEEE Standards

Select years to search:

From year: All ▼ to Present ▼

Organize search results by:

Sort by: Relevance ▼

In: Descending ▼ order

List 15 ▼ Results per page

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

L Number	Hits	Search Text	DB	Time stamp
15	103	((spacer or barrier or sidewall or (side adj wall)) same (Si3N4 or SiC or Si?sub??N?sub$2 or (Si?sub?? adj N?sub??) or ((Si or silicon) adj (carbide or nitride))) same (vulnerab$6 or invulnerab$6 or (mechanical adj strength))) not ((spacer or barrier or sidewall or (side adj wall)) with (Si3N4 or SiC or Si?sub??N?sub$2 or (Si?sub?? adj N?sub??) or ((Si or silicon) adj (carbide or nitride))) with (vulnerab$6 or invulnerab$6 or (mechanical adj strength)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 14:14
24	1161	((((((spacer or barrier or sidewall or (side adj wall) or Si3N4 or SiC or Si?sub??N?sub$2 or (Si?sub?? adj N?sub??) or ((Si or silicon) adj (carbide or nitride))) same (vulnerab$6 or invulnerab$6 or (mechanical adj strength))) and (trench or groove or opening or openning)) and (via or viahole or plug or hole or aperture or damascene)) and ((low (k or dielectric or constant)) or SOG or TEOS or pore or porous or ((fluorine or F or carbon or C) near5 dop$4) or COD)) and (@ad<=20030205 or @rlad<=20030205)) and (semiconductor or interconnect$4 or metalliz$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 14:31
29	701	(((spacer or barrier or sidewall or (side adj wall) or Si3N4 or SiC or Si?sub??N?sub$2 or (Si?sub?? adj N?sub??) or ((Si or silicon) adj (carbide or nitride))) same (vulnerab$6 or invulnerab$6 or (mechanical adj strength))) same (trench or groove or opening or openning)) and (@ad<=20030205 or @rlad<=20030205)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/11/03 15:42

C:\APPS\EAST\Workspaces\10720976.wsp